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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/781,167 | 02/13/2001 | Lowell S. Fink | | 9472 |

7590

09/13/2002

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| EXAMINER |
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SWINEHART, EDWIN L

| ART UNIT | PAPER NUMBER |
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3617

DATE MAILED: 09/13/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

Applicant(s)

Examiner

Group Art Unit

—The MAILING DATE of this communication appears on the cover sheet beneath the correspondence address—

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, such period shall, by default, expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).

Status

- ☐ Responsive to communication(s) filed on _____.
- ☐ This action is **FINAL**.
- ☐ Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

- ☒ Claim(s) 1-20 is/are pending in the application.
- ☒ Of the above claim(s) 1, 2, 4-6 and 13-20 is/are withdrawn from consideration.
- ☐ Claim(s) _____ is/are allowed.
- ☒ Claim(s) 3 and 7-12 is/are rejected.
- ☐ Claim(s) _____ is/are objected to.
- ☐ Claim(s) _____ are subject to restriction or election requirement.

Application Papers

- ☐ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.
- ☐ The proposed drawing correction, filed on _____ is ☐ approved ☐ disapproved.
- ☐ The drawing(s) filed on _____ is/are objected to by the Examiner.
- ☐ The specification is objected to by the Examiner.
- ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119 (a)-(d)

- ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
 - ☐ All ☐ Some* ☐ None of the CERTIFIED copies of the priority documents have been received.
 - ☐ received in Application No. (Series Code/Serial Number) _____.
 - ☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____.

Attachment(s)

- ☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). _____
- ☒ Notice of Reference(s) Cited, PTO-892
- ☐ Notice of Draftsperson's Patent Drawing Review, PTO-948
- ☐ Interview Summary, PTO-413
- ☐ Notice of Informal Patent Application, PTO-152
- ☐ Other _____

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DETAILED ACTION

1. Claims 1,3,4-6 and 13-20 are withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected inventions, there being no allowable generic or linking claim. Election was made with traverse in Paper No. 5.
2. The claims and Specification are objected to because of the following informalities: In the claims and specification, "the said" is redundant in nature. Appropriate correction is required.
3. The abstract of the disclosure is objected to because it contains legal phraseology. Correction is required. See MPEP § 608.01(b).
4. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the batten substitute means must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

5. Claims 2 and 7-12 are rejected under 35 U.S.C. 112, first paragraph, as containing subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention.

Applicant's claimed "means for booming" and "means for reefing and controlling" has not been disclosed so as to permit one of ordinary skill in the art to make and/or use the invention.

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Such means as disclosed includes a "batten substitute", and the specification states that "evolving technology will likely make possible batten substitute means...". Such is indication that the present invention has not been reduced to practice, and that one of ordinary skill in the art need "invent" such a batten substitute to make and/or use the present invention.

6. Claims 2 and 7-12 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In claim 2, "such headsail" lacks antecedent basis in the claim(s).

Claims 7 and 12 lack a period, and their completeness is thereby in question.

In claim 7, "said headstay" lacks antecedent basis in the claim(s).

7. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

8. Claims 2 and 7-12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Marechal.

Marechal teaches a vertically deployed sail attached to a mast. Battens are provided for sail control, and such is shaped as claimed. Marechal does not disclose provision of a forestay and

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forestay attached sail, however, such is considered to have been notoriously old and well known in the art, and provision of same would have been obvious to one of ordinary skill in the art at the time of the invention, providing no unexpected results.

An end plate 33 is provided. The material of construction and/or color is considered to have been an obvious design consideration.

The relative size of the sail is considered to have been an obvious choice of design as well.

9. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

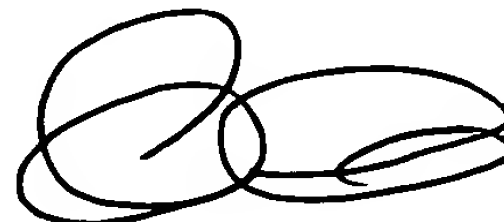
Moessnang et al. teaches a batten reinforced semi-elliptical sail.

10. Papers relating to this application may be submitted to Technology Center 3600 by facsimile transmission. The submission of such papers by facsimile transmission must comply with the notice published in the Official Gazette, **1096 OG 30** (November 15, 1989). The Fax Center number is (703)-872-9326.

11. Any inquiry concerning this communication should be directed to Ed L. Swinehart whose telephone number is (703)-308-2566.

12. Any inquiry of a general nature or relating to the status of the application should be directed to the Technology Center 3600 receptionist whose telephone number is (703)-308-1113.

September 9, 2002



Ed L. Swinehart
Primary Examiner
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